

css-utility-classes

CSS Utility Classes Play+ provides an extensive set of utility classes for spacing, layout, and styling. These classes follow a consistent naming convention and are designed to work seamlessly with the grid system.

Spacing Utilities ■ The spacing system uses a scale based on rem units, providing consistent spacing across your application. Spacing Scale ■ Class Size Value 0 0 0rem 1 0.25 0.25rem (4px) 2 0.5 0.5rem (8px) 3 1 1rem (16px) 4 1.5 1.5rem (24px) 5 3 3rem (48px) 6 3.5 3.5rem (56px) 7 4 4rem (64px) 8 5 5rem (80px) 9 6 6rem (96px) 10 8 8rem (128px) 11 10 10rem (160px) 12 12 12rem (192px) 13 14 14rem (224px) 14 16 16rem (256px)

Margin Utilities ■ All Sides ■ < div class = " m-0 " > No margin </ div > < div class = " m-1 " > Small margin (0.25rem) </ div > < div class = " m-2 " > Medium margin (0.5rem) </ div > < div class = " m-3 " > Large margin (1rem) </ div > < div class = " m-4 " > Extra large margin (1.5rem) </ div > < div class = " m-5 " > Huge margin (3rem) </ div > Individual Sides ■ < div class = " mt-3 " > Top margin </ div > < div class = " mb-3 " > Bottom margin </ div > < div class = " ms-3 " > Start margin (left in LTR) </ div > < div class = " me-3 " > End margin (right in LTR) </ div > Horizontal and Vertical ■ < div class = " mx-3 " > Horizontal margin (left and right) </ div > < div class = " my-3 " > Vertical margin (top and bottom) </ div > Auto Margins ■ < div class = " m-auto " > Auto margin on all sides </ div > < div class = " mx-auto " > Center horizontally </ div > < div class = " ms-auto " > Push to the right </ div > < div class = " me-auto " > Push to the left </ div > Negative Margins ■ < div class = " m-n1 " > Negative margin (-0.25rem) </ div > < div class = " mt-n2 " > Negative top margin (-0.5rem) </ div > < div class = " mx-n3 " > Negative horizontal margin (-1rem) </ div > Padding Utilities ■ All Sides ■ < div class = " p-0 " > No padding </ div > < div class = " p-1 " > Small padding (0.25rem) </ div > < div class = " p-2 " > Medium padding (0.5rem) </ div > < div class = " p-3 " > Large padding (1rem) </ div > < div class = " p-4 " > Extra large padding (1.5rem) </ div > < div class = " p-5 " > Huge padding (3rem) </ div > Individual Sides ■ < div class = " pt-3 " > Top padding </ div > < div class = " pb-3 " > Bottom padding </ div > < div class = " ps-3 " > Start padding (left in LTR) </ div > < div class = " pe-3 " > End padding (right in LTR) </ div > Horizontal and Vertical ■ < div class = " px-3 " > Horizontal padding (left and right) </ div > < div class = " py-3 " > Vertical padding (top and bottom) </ div > Responsive Spacing ■ All spacing utilities are available with responsive prefixes: < div class = " m-3 m-md-4 m-lg-5 " > <!-- 1rem margin on mobile, 1.5rem on tablet, 3rem on desktop --> </ div > < div class = " p-2 p-sm-3 p-md-4 " > <!-- 0.5rem padding on mobile, 1rem on tablet, 1.5rem on desktop --> </ div > Responsive Breakpoints ■ sm- ($\geq 576px$) md- ($\geq 768px$) lg- ($\geq 992px$) xl- ($\geq 1200px$) xxl- ($\geq 1400px$) Grid Gutters ■ Gutter Classes ■ < div class = " row g-0 " > <!-- No gutters --> < div class = " row g-1 " > <!-- 0.25rem gutters --> < div class = " row g-2 " > <!-- 0.5rem gutters --> < div class = " row g-3 " > <!-- 1rem gutters --> < div class = " row g-4 " > <!-- 1.5rem gutters --> < div class = " row g-5 " > <!-- 3rem gutters --> </ div > Directional Gutters ■ < div class = " row gx-3 " > <!-- Horizontal gutters only --> < div class = " row gy-2 " > <!-- Vertical gutters only --> </ div > </ div > Responsive Gutters ■ < div class = " row g-2 g-md-3 g-lg-4 " > <!-- Different gutter sizes at different breakpoints --> </ div > Display Utilities ■ Display Classes ■ < div class = " d-none " > Hidden </ div > < div class = " d-block " > Block display </ div > < div class = " d-inline " > Inline display </ div > < div class = " d-inline-block " > Inline-block display </ div > < div class = " d-flex " > Flexbox display </ div > < div class = " d-inline-flex " > Inline flexbox </ div > < div class = " d-grid " > Grid display </ div > < div class = " d-inline-grid " > Inline grid </ div > Responsive Display ■ < div class = " d-none d-md-block " > <!-- Hidden on mobile, visible on tablet and up --> </ div > < div class = " d-block d-lg-none " > <!-- Visible on mobile/tablet, hidden on desktop --> </ div > Flexbox Utilities ■ Flex Direction ■ < div class = " d-flex flex-row " > Row (default) </ div > < div class = " d-flex flex-row-reverse " > Row reverse </ div > < div class = " d-flex flex-column " > Column </ div > < div class = " d-flex flex-column-reverse " > Column reverse </ div > Flex Wrap ■ < div class = " d-flex flex-wrap " > Wrap </ div > < div class = " d-flex flexnowrap " > No wrap </ div > < div class = " d-flex flex-wrap-reverse " > Wrap reverse </ div > Justify Content ■ < div class = " d-flex justify-content-start " > Start </ div > < div class = " d-flex justify-content-end " > End </ div > < div class = " d-flex justify-content-center " > Center </ div > < div

class = "d-flex justify-content-between" > Between </ div > < div class = "d-flex justify-content-around" > Around </ div > < div class = "d-flex justify-content-evenly" > Evenly </ div > Align Items ■ < div class = "d-flex align-items-start" > Start </ div > < div class = "d-flex align-items-end" > End </ div > < div class = "d-flex align-items-center" > Center </ div > < div class = "d-flex align-items-baseline" > Baseline </ div > < div class = "d-flex align-items-stretch" > Stretch </ div > Align Self ■ < div class = "align-self-start" > Start </ div > < div class = "align-self-end" > End </ div > < div class = "align-self-center" > Center </ div > < div class = "align-self-baseline" > Baseline </ div > < div class = "align-self-stretch" > Stretch </ div > Flex Fill ■ < div class = "d-flex" > < div class = "flex-fill" > Equal width </ div > < div class = "flex-fill" > Equal width </ div > < div class = "flex-fill" > Equal width </ div > </ div > Text Utilities ■ Text Alignment ■ < p class = "text-start" > Left aligned </ p > < p class = "text-center" > Center aligned </ p > < p class = "text-end" > Right aligned </ p > < p class = "text-justify" > Justified </ p > Text Transform ■ < p class = "text-lowercase" > lowercase text </ p > < p class = "text-uppercase" > UPPERCASE TEXT </ p > < p class = "text-capitalize" > Capitalized Text </ p > Font Weight ■ < p class = "fw-bold" > Bold text </ p > < p class = "fw-bolder" > Bolder text </ p > < p class = "fw-normal" > Normal weight </ p > < p class = "fw-light" > Light text </ p > < p class = "fw-lighter" > Lighter text </ p > Font Style ■ < p class = "fst-italic" > Italic text </ p > < p class = "fst-normal" > Normal style </ p > Position Utilities ■ Position Classes ■ < div class = "position-static" > Static positioning </ div > < div class = "position-relative" > Relative positioning </ div > < div class = "position-absolute" > Absolute positioning </ div > < div class = "position-fixed" > Fixed positioning </ div > < div class = "position-sticky" > Sticky positioning </ div > Top, Right, Bottom, Left ■ < div class = "top-0" > Top: 0 </ div > < div class = "top-50" > Top: 50% </ div > < div class = "top-100" > Top: 100% </ div > < div class = "start-0" > Start: 0 (left in LTR) </ div > < div class = "start-50" > Start: 50% </ div > < div class = "start-100" > Start: 100% </ div > < div class = "bottom-0" > Bottom: 0 </ div > < div class = "bottom-50" > Bottom: 50% </ div > < div class = "bottom-100" > Bottom: 100% </ div > < div class = "end-0" > End: 0 (right in LTR) </ div > < div class = "end-50" > End: 50% </ div > < div class = "end-100" > End: 100% </ div > Examples ■ Card with Spacing ■ < div class = "card p-4 m-3" > < div class = "card-body" > < h5 class = "card-title mb-3" > Card Title </ h5 > < p class = "card-text mb-4" > Card content with proper spacing. </ p > < button class = "btn btn-primary" > Action </ button > </ div > </ div > Responsive Layout ■ < div class = "container" > < div class = "row g-3" > < div class = "col-12 col-md-6" > < div class = "p-3 border" > < h4 class = "mb-3" > Section 1 </ h4 > < p class = "mb-0" > Content with consistent spacing. </ p > </ div > </ div > < div class = "col-12 col-md-6" > < div class = "p-3 border" > < h4 class = "mb-3" > Section 2 </ h4 > < p class = "mb-0" > More content with spacing. </ p > </ div > </ div > </ div > Navigation Bar ■ < nav class = "navbar navbar-expand-lg navbar-light bg-light" > < div class = "container" > < a class = "navbar-brand me-4" href = "#" > Brand </ a > < div class = "navbar-nav ms-auto" > < a class = "nav-link px-3" href = "#" > Home </ a > < a class = "nav-link px-3" href = "#" > About </ a > < a class = "nav-link px-3" href = "#" > Contact </ a > </ div > </ div > </ nav > Best Practices ■ Consistent spacing : Use the spacing scale consistently throughout your application Responsive design : Always consider how spacing works across different screen sizes Semantic meaning : Use spacing to create visual hierarchy and improve readability Performance : Utility classes are optimized for performance and bundle size Maintainability : Use utility classes instead of custom CSS when possible Customization ■ You can customize the spacing scale by modifying CSS custom properties: :root { --bs-spacer : 1 rem ; --bs-spacers : (0 : 0 , 1 : calc (var (--bs-spacer) * 0.25) , 2 : calc (var (--bs-spacer) * 0.5) , 3 : var (--bs-spacer) , 4 : calc (var (--bs-spacer) * 1.5) , 5 : calc (var (--bs-spacer) * 3)) ; } This allows you to maintain consistency while adapting the spacing to your design system.